



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 107433

To: Roy Teller
Location: REM-3D18
Art Unit: 1654
Friday, November 12, 2004

3C18

Case Serial Number: 09/743533

From: Beverly Shears
Location: Remsen Bldg.
RM 1A54
Phone: 571-272-2528

beverly.shears@uspto.gov

Search Notes



STIC-Biotech/ChemLib

CRFF

From: Johnov unknown.com
Sent: Tuesday November 09, 2004 8:21 AM
To: STIC-B <http://ChemLib>
Subject: Generic response

ResponseHeader=Email : Please Search Request

AccessDB#=

LogNumber=

Searcher=

SearcherPhone=

SearcherBranch=

MyDate=Tue Nov 9 08:01:40 2004

submitto=Biotech@ptc.org

Name=Roy Teller

Empno=79445

Phone=571-272-0871

Artunit=1654

Office=Rem-3D18

Serialnum=09/743,000

PatClass=435/69

Earliest=7/12/93

Format1=paper

Format3=email

Searchtopic= Please do an interference search of SEQ ID NO: 19. Thank you.

Comments=

send=SEND

19-158aa

STAFF USE ONLY

Searcher:
Searcher Phone: 2-
Date Searcher Picked up:
Date Completed:
Searcher Prep/Rev. Time:
Online Time:

Type of Search
NA Sequence: #
AA Sequence: #
Structure: #
Bibliographic:
Litigation:
Patent Family:
Other:

Vendors and cost where applicable

STN:
DIALOG:
QUELL/ORBIT:
LEXIS/NEXIS:
SEQUENCE SYSTEM:
WWW/Internet:
Other (Specify):

Date completed:

Searcher: Beverly e 2528

Terminal time:

Elapsed time:

CPU time:

Total time:

Number of Searches:

Number of Databases:

Search Site

STIC

CM-1

Pre-S

Type of Search

N.A. Sequence

A.A. Sequence

Structure

Bibliographic

vendors

IG

STN

Dialog

APS

Geninfo

SDC

DARC/Questel

Other CGN



GenCore version 5.1.1.6
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OM protein - protein search, using sw model

Run on: November 10, 2004, 19:14:39 ; Search time 468 Seconds

(without alignments)
374.068 Million cell updates/sec

Title: US-09-743-533-19

Perfect score: 906

Sequence: 1 MRQINPCSQELQSPQSYLQ.....PFPQQPOPVPQQASCITWSMV 158

Scoring table: BLOSUM62

Gapext 10.0 , Gapext 0.5

Searched: 6730630 seqs, 110798698 residues

Total number of hits satisfying chosen parameters: 6730630

Post-processing: Maximum Match 0%

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Listing first 45 summaries

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RESULT 1

US-09-743-533-19

; Sequence 19, Application US/09743533

; GENERAL INFORMATION:

; APPLICANT: Commonwealth Scientific and Industrial Research Organisation

; TITLE OF INVENTION: Modified Proteins

; FILE REFERENCE: A-7033/RFT

; CURRENT APPLICATION NUMBER: US/09/743,533

; CURRENT FILING DATE: 2001-01-10

; PRIOR APPLICATION NUMBER: AU P24604

; PRIOR FILING DATE: 1998-08-10

; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: FASTSEQ for Windows Version 3.0

; SEQ ID NO: 19

; LENGTH: 158

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: unknown

SUMMARIES

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Db 258 PQLPQ 263
| :|

Search completed: November 10, 2004, 19:41:52
Job time : 469 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 10, 2004, 19:29:42 / Search time 7 Seconds
(without alignments)
387.723 Million cell updates/sec

Title: US-09-743-533-19

Perfect score: 906

Sequence: 1 MRQLNPQCSQELQSPQQSYLQ.....DPQQQQPVPQQASCTIWSMV 158

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
Searched: 75407 seqs, 17177614 residues

Total number of hits satisfying chosen parameters: 75407

Minimum DB seq length: 0
Maximum DB seq length: 2600000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing First 45 summaries

Database : Pending Patents AA New:*

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4: /cgn2_6/picodata/1/paa/1/us08_NEW COMB.pep:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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| 1 | 204 | 22.5 | 1404 | 6 | US-10-868-537A-55 | Sequence 55, Appl | | |
| 2 | 199.5 | 21.0 | 1864 | 6 | US-10-732-923-2391 | Sequence 2391, Ap | | |
| 3 | 182 | 20.1 | 728 | 6 | US-10-732-923-6679 | Sequence 6679, Ap | | |
| 4 | 178 | 19.6 | 626 | 6 | US-10-732-923-16091 | Sequence 16091, A | | |
| 5 | 170.5 | 18.8 | 1003 | 6 | US-10-732-923-3319 | Sequence 3319, Ap | | |
| 6 | 163 | 18.0 | 648 | 6 | US-10-732-923-10742 | Sequence 10742, A | | |
| 7 | 156.5 | 17.3 | 2063 | 6 | US-10-973-858-8 | Sequence 8, Appl | | |
| 8 | 156 | 17.2 | 5322 | 6 | US-10-732-923-8729 | Sequence 8729, Ap | | |
| 9 | 155 | 17.1 | 958 | 1 | PCT-US04-14421-174 | Sequence 174, App | | |
| 10 | 154.5 | 17.1 | 1634 | 6 | US-10-732-923-8723 | Sequence 8723, Ap | | |
| 11 | 154.5 | 17.1 | 1638 | 6 | US-10-732-923-8722 | Sequence 8722, Ap | | |
| 12 | 154.5 | 17.1 | 1638 | 6 | US-10-732-923-8724 | Sequence 8724, Ap | | |
| 13 | 153 | 16.9 | 6666 | 6 | US-10-510-021-66 | Sequence 66, Appl | | |
| 14 | 152 | 16.8 | 868 | 6 | US-10-965-898-54 | Sequence 54, Appl | | |
| 15 | 152 | 16.8 | 1534 | 6 | US-10-732-923-8754 | Sequence 8754, Ap | | |
| 16 | 150.5 | 16.6 | 521 | 6 | US-10-732-923-16074 | Sequence 16074, A | | |
| 17 | 150.5 | 16.6 | 147 | 16.2 | 1568 | 6 | US-10-732-923-8810 | Sequence 16073, A |
| 18 | 147 | 16.2 | 1568 | 6 | US-10-732-923-16073 | Sequence 16072, A | | |
| 19 | 147 | 16.2 | 1586 | 6 | US-10-732-923-8809 | Sequence 8809, Ap | | |
| 20 | 147 | 16.2 | 1586 | 6 | US-10-732-923-8811 | Sequence 8811, Ap | | |
| 21 | 146.5 | 16.2 | 143 | 6 | US-10-220-33664-19096 | Sequence 19096, A | | |
| 22 | 146 | 16.1 | 1572 | 6 | US-10-732-923-8812 | Sequence 8812, Ap | | |
| 23 | 146 | 16.1 | 2414 | 6 | US-10-732-923-18449 | Sequence 18449, A | | |
| 24 | 145 | 16.0 | 1038 | 6 | US-10-967-092-151 | Sequence 151, App | | |
| 25 | 144.5 | 15.9 | 2245 | 6 | US-10-732-923-18446 | Sequence 18446, A | | |

ALIGNMENTS

RESULT 1
US-10-868-537A-55
; Sequence 55, Application US/10868577A
; GENERAL INFORMATION:
; APPLICANT: Alitalo et al.
; TITLE OF INVENTION: HEPARIN BINDING VEGFR-3 LIGANDS
; FILE REFERENCE: 28967-39159A
; CURRENT APPLICATION NUMBER: US/10/868-577A
; CURRENT FILING DATE: 2004-06-14
; PRIORITY APPLICATION NUMBER: US 60/478,390
; PRIORITY FILING DATE: 2003-06-12
; PRIORITY APPLICATION NUMBER: US 10/669,176
; PRIORITY FILING DATE: 2003-09-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 55
; LENGTH: 1404
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-868-537A-55

Query Match 22.5%; Score 204; DB 6; Length 1404;
Best Local Similarity 30.2%; Mismatches 28; Indels 59; Gaps 4;
Matches 42; Conservative 42; Score 204; DB 6; Length 1404;
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

RESULT 2
US-10-732-923-2391
; Sequence 2391, Application US/10732923
; GENERAL INFORMATION:
; APPLICANT: Eggeron, Michael D
; TITLE OF INVENTION: IMPROVED PHENOTYPES
; FILE REFERENCE: 38-15-152756.C
; CURRENT APPLICATION NUMBER: US/10/732, 923
; CURRENT FILING DATE: 2003-12-10
; PRIORITY APPLICATION NUMBER: 10/310,154
; PRIORITY FILING DATE: 2002-03-15

PRIOR FILING DATE: 2002-12-04
 NUMBER OF SEQ ID NOS: 24149
 SEQ ID NO: 2391
 LENGTH: 1864
 TYPE: PRT
 ORGANISM: Burkholderia fungorum
 US-10-732-923-2391

Query Match 21.0%; Score 190.5; DB 6; Length 1864;
 Best Local Similarity 28.5%; Pred. No. 1.7e-08; Mismatches 59; Indels 103; Gaps 12;
 Matches 69; Conservative 11; Mismatches 59; LENGTH: 626
 TYPE: PRT
 ORGANISM: Neurospora crassa
 US-10-732-923-16091

Query 5 NPCSELOQSSQSLQQPYQNPNLPLQRPFPVQQPFHFTQOQYPYLPLP-----51
 Db 1169 NAARASLPYQSSLPLPTQVBNYP-PTTQDAPYTAAPAQ-PIYAPNRAAALPYNAPR 1225
 Qy 52 -----BELLFPRQYQ1P1PLQPO----QPFPPQOPQQLPLPRDQPFWQP----QDQFP 94
 Db 1226 QGADSGGGCAYSSQSGAPLQYQPGQCP-2NQPOQPMQPPMQQAPYNPAYQAPYF 1284
 Qy 95 QPQEPPT1PQQPO----QPFPP-----QOP-----112
 Db 1285 QAQAPYPPQDQYQGAPDGYATPWPMSPARERAQTNAGSMQQPYGAPASTKRPAERKOS 1344
 Qy 113 -----OCPPFPPQOPQQT1FQQT-----QCYXPYVOPQQQPFPPQOPQOPV 148
 Db 1345 ASKNSRNAPAYAQAQPYGQGQGPyQO-QQAYYQGQAYAQQQQGPyQO-QQPyPPQ 1401
 Qy 149 QQ 150
 Db 1402 QQ 1403

RESULT 3
 US-0-732-923-6679
 Sequence 6679, Application US/10732923
 GENERAL INFORMATION:
 APPLICANT: Edgerton, Michael D
 TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
 FILE REFERENCE: 38-15 (52/96) C
 CURRENT APPLICATION NUMBER: US/10/732, 923
 CURRENT FILING DATE: 2003-12-10
 PRIOR APPLICATION NUMBER: 10/310, 154
 PRIOR FILING DATE: 2002-12-04
 NUMBER OF SEQ ID NOS: 24149
 SEQ ID NO: 6679
 LENGTH: 728
 TYPE: PRT
 ORGANISM: Candida tropicalis
 US-10-732-923-6679

Query Match 20.1%; Score 182; DB 6; Length 728;
 Best Local Similarity 36.6%; Pred. No. 3.2e-08; Mismatches 65; Indels 34; Gaps 11;
 Matches 63; Conservative 10; Mismatches 65; LENGTH: 1003;
 TYPE: PRT
 ORGANISM: Kaposi's sarcoma-associated herpesvirus
 US-10-732-923-3319

RESULT 5
 US-10-732-923-3319
 Sequence 3319, Application US/10732923
 GENERAL INFORMATION:
 APPLICANT: Edgerton, Michael D
 TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
 FILE REFERENCE: 38-15 (52/96) C
 CURRENT APPLICATION NUMBER: US/10/732, 923
 CURRENT FILING DATE: 2003-12-10
 PRIOR APPLICATION NUMBER: 10/310, 154
 PRIOR FILING DATE: 2002-12-04
 NUMBER OF SEQ ID NOS: 24149
 SEQ ID NO: 3319
 LENGTH: 1003
 TYPE: PRT
 ORGANISM: Kaposi's sarcoma-associated herpesvirus
 US-10-732-923-3319

Query Match 18.8%; Score 170.5; DB 6; Length 1003;
 Best Local Similarity 46.7%; Pred. No. 4e-07; Mismatches 7; Indels 3; Gaps 2;
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 TYPE: PRT
 ORGANISM: Kaposi's sarcoma-associated herpesvirus
 US-10-732-923-3319

RESULT 6
 US-10-732-923-10742
 Sequence 10742, Application US/10732923
 GENERAL INFORMATION:
 APPLICANT: Edgerton, Michael D
 TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
 FILE REFERENCE: 38-15 (52/96) C
 CURRENT APPLICATION NUMBER: US/10/732, 923

Query 6 PCSELOQSSQSLQQPYQNPNLPLQRPFPVQQPFHFTQOQYPYLPLQ-----65
 Db 187 PMYQEPYPT1PQQOPQQT1FQQT-----MNFFQQQCPQQPPMYYNNQ--PQ-PVPPPLP 238
 Qy 66 PQQPFPPQOPQPLPQPO----QPFPPWQFQPFPP----QDQFP 109
 Db 239 PPPPLAAN-QQLPLTPQFVYQGQYFQ1FPGS1IIPQQSQPQ-PVPPFQAAAPPVFSGVTQ 296
 Qy 110 ---QQPQOPFPPQOPP-QQIIFQOPQ---SYPVQPPQOPFPPQOPPQVQASC 153
 Db 297 FTNFSPQFSPSPQOPQISMMNQPSQNSASNFQIQQPTPQHVPEPTKRDQ 348

RESULT 4
 US-10-732-923-16091
 Sequence 16091, Application US/10732923
 GENERAL INFORMATION:
 APPLICANT: Edgerton, Michael D

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OM protein - protein search, using sw model

Run on: November 10, 2004, 19:13:39 ; Search time 38 Seconds
(without alignments)
275,743 Million cell updates/sec

Title: US-09-743-533-19

Perfect score: 906

Sequence: 1 MRQLNPSCQELQSPQQSYLQ.....PEPQQPQPVPOQASCINSMV 158

Scoring table: BLOSUM62

Gapop: 10.0 , Gapext: 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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| 1 | 262.5 | 29.0 | 1162 | 2 | US-08-728-323a-2 | Sequence 2, Appli |
| 2 | 262.5 | 29.0 | 1162 | 3 | US-09-298-1568-2 | Sequence 2, Appli |
| 3 | 262.5 | 29.0 | 1162 | 4 | US-09-410-399-2 | Sequence 2, Appli |
| 4 | 262.5 | 29.0 | 1162 | 4 | US-09-894-273-2 | Sequence 2, Appli |
| 5 | 220.5 | 28.2 | 369 | 2 | US-08-991-300-2 | Sequence 23236, A |
| 6 | 220.5 | 24.3 | 383 | 4 | US-09-248-796A-23236 | Sequence 23236, A |
| 7 | 212.9 | 23.6 | 256 | 4 | US-09-248-796A-21251 | Sequence 21251, A |
| 8 | 209 | 23.1 | 255 | 4 | US-09-499-039A-9101 | Sequence 9101, A |
| 9 | 204 | 22.5 | 941 | 4 | US-07-757-022B-14 | Sequence 14, Appli |
| 10 | 204 | 22.5 | 1022 | 4 | US-07-757-022B-84 | Sequence 84, Appli |
| 11 | 204 | 22.5 | 1038 | 4 | US-07-757-022B-74 | Sequence 74, Appli |
| 12 | 204 | 22.5 | 1049 | 4 | US-07-757-022B-58 | Sequence 58, Appli |
| 13 | 204 | 22.5 | 1140 | 4 | US-07-757-022B-104 | Sequence 104, Appli |
| 14 | 204 | 22.5 | 1270 | 4 | US-07-757-022B-44 | Sequence 44, Appli |
| 15 | 204 | 22.5 | 1311 | 4 | US-07-757-022B-42 | Sequence 42, Appli |
| 16 | 204 | 22.5 | 1313 | 4 | US-07-757-022B-142 | Sequence 142, Appli |
| 17 | 204 | 22.5 | 1314 | 4 | US-07-757-022B-50 | Sequence 50, Appli |
| 18 | 204 | 22.5 | 1320 | 4 | US-07-757-022B-46 | Sequence 46, Appli |
| 19 | 204 | 22.5 | 1320 | 4 | US-07-757-022B-60 | Sequence 60, Appli |
| 20 | 204 | 22.5 | 1320 | 4 | US-10-164-595-58 | Sequence 58, Appli |
| 21 | 204 | 22.5 | 1354 | 4 | US-07-757-022B-48 | Sequence 48, Appli |
| 22 | 204 | 22.5 | 1361 | 4 | US-07-757-022B-40 | Sequence 40, Appli |
| 23 | 204 | 22.5 | 1363 | 4 | US-07-757-022B-52 | Sequence 52, Appli |
| 24 | 204 | 22.5 | 1404 | 4 | US-07-757-022B-2 | Sequence 2, Appli |
| 25 | 204 | 22.5 | 1404 | 4 | US-07-757-022B-62 | Sequence 62, Appli |
| 26 | 204 | 22.5 | 1404 | 4 | US-10-164-595-78 | Sequence 78, Appli |
| 27 | 204 | 22.5 | 1404 | 4 | US-09-298-970A-1 | Sequence 1, Appli |

RESULT 1

US-08-728-323a-2

; Sequence 2, Application US/08728323A

; Patent No. 5948616

; GENERAL INFORMATION:

; APPLICANT: Chang Yuan

; APPLICANT: Bohensky, Roy A.

; APPLICANT: Russo, James J.

; APPLICANT: Edelman, Isidore S.

; APPLICANT: Moore, Patrick S.

; TITLE OF INVENTION: Immediate Early Protein From Kaposi's

; TITLE OF INVENTION: Sarcoma-Associated Herpesvirus, DNA

; TITLE OF INVENTION: Encoding Same and Uses Thereof

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Cooper & Dunham LLP

; STREET: 1185 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTY: U.S.A.

; ZIP: 10036

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/M-S-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/728, 323A

; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: White, John P.

; REGISTRATION NUMBER: 28, 678

; REFERENCE DOCKET NUMBER: 05/75/52268/JPW/MSC/SKS

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-278-0400

; TELEFAX: 212-278-0400

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1162 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-08-728-323A-2

; Query Match 29.0%; Score 262.5; DB 2;

; Best Local Similarity 46.8%; Pred. No. 1.e-21;

; Matches 74; Conservative 10; Mismatches 51;

; Gaps 23; Gaps 8;

Query Match Score 204; DB 4; Length 1049;
 Best Local Similarity 30.2%; Pred. No. 5.8e-12;
 Matches 42; Conservative 28; Mismatches 59; Indels 10; Gaps 4;

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 Db 303 KEPAPTTKEPAPPTPKEP-APTTKEPAPTTKESAPTTKE-----PAPTPKKEP 445
 Qy 72 QOPQQPLP-RPQQPFPWQOPQOPQPEPPIPOQQPQFPQOPQFPQOPQFQQQPQQ 130
 Db 355 TPKEPAPTTKEPPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEP 505
 Qy 131 SYPVQOPQFPQOP-QPVP 148
 Db 415 PAPTTKEPSPPTPKEPAP 433

RESULT 13
 US-07-757-022B-104
 Sequence 104, Application US/07757022B
 Patent No. 6433142

GENERAL INFORMATION:
 APPLICANT: Geener, Thomas G.
 APPLICANT: Clark, Stephen C.
 APPLICANT: Turner, Katherine
 APPLICANT: Hewick, Rodney M.
 APPLICANT: Turner, Stephen C.
 APPLICANT: Turner, Katherine
 APPLICANT: Hewick, Rodney M.
 TITLE OF INVENTION: Megakaryocyte Stimulating Factors
 NUMBER OF SEQUENCES: 143

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02140

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/757-022B
 FILING DATE: 19910910
 CLASSIFICATION: 530
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/643,502
 FILING DATE: 18-JAN-1991
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/546,114
 FILING DATE: 29-JUN-1990
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/390,901
 FILING DATE: 08-AUG-1989
 ATTORNEY/AGENT INFORMATION:
 NAME: Cseri, Lucien
 REGISTRATION NUMBER: 31,822
 REFERENCE/DOCKET NUMBER: GI 5190
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)876-1170
 TELEFAX: (617)876-5851
 INFORMATION FOR SEQ ID NO: 44:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1140 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: linear
 MOLECULE TYPE: protein

RESULT 14
 US-07-757-022B-44
 Sequence 44, Application US/07757022B
 Patent No. 6433142

GENERAL INFORMATION:
 APPLICANT: Geener, Thomas G.
 APPLICANT: Clark, Stephen C.
 APPLICANT: Turner, Katherine
 APPLICANT: Hewick, Rodney M.
 TITLE OF INVENTION: Megakaryocyte Stimulating Factors
 NUMBER OF SEQUENCES: 143

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02140

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/757-022B
 FILING DATE: 19910910
 CLASSIFICATION: 530
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/643,502
 FILING DATE: 18-JAN-1991
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/546,114
 FILING DATE: 29-JUN-1990
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/390,901
 FILING DATE: 08-AUG-1989
 ATTORNEY/AGENT INFORMATION:
 NAME: Cseri, Lucien
 REGISTRATION NUMBER: 31,822
 REFERENCE/DOCKET NUMBER: GI 5190
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)876-1170
 TELEFAX: (617)876-5851
 INFORMATION FOR SEQ ID NO: 44:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1120 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: linear
 MOLECULE TYPE: protein

Query Match Score 204; DB 4; Length 1140;
 Best Local Similarity 30.2%; Pred. No. 6.4e-12;
 Matches 42; Conservative 28; Mismatches 59; Indels 10; Gaps 4;

RESULT 15

US-07-757-022B-42

Sequence 42, Application US/07757022B

Patent No. 643142

GENERAL INFORMATION:

APPLICANT: Gesner, Thomas G.

APPLICANT: Clark, Stephen C.

APPLICANT: Turner, Katherine

APPLICANT: Hewick, Rodney M.

TITLE OF INVENTION: Megakaryocyte Stimulating Factors

NUMBER OF SEQUENCES: 143

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genetics Institute, Inc.

STREET: 87 CambridgePark Drive

CITY: Cambridge

STATE: Massachusetts

COUNTRY: U.S.A.

ZIP: 02140

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/757,022B

FILING DATE: 19910310

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/643,502

FILING DATE: 18-JAN-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/546,114

FILING DATE: 29-JUN-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/457,196

FILING DATE: 29-DEC-1989

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/390,901

FILING DATE: 08-AUG-1989

ATTORNEY/AGENT INFORMATION:

NAME: Cser, Luann

REGISTRATION NUMBER: 31,822

REFERENCE/DOCKET NUMBER: GI 5190

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)76-1170

TELEFAX: (617)76-5551

INFORMATION FOR SEQ ID NO: 42:

SEQUENCE CHARACTERISTICS:

LENGTH: 1311 amino acids

TYPE: AMINO ACID

TOPOLOGY: Linear

MOLECULE TYPE: protein

US-07-757-022B-42

Query Match Score 204; DB 4; Length 1311;

Best Local Similarity 30.2%; Pred. No. 7.e-12;

Matches 28; Mismatches 59; Indels 10; Gaps 4;

Qy 12 QSPQQSYLQQYPRQNPYLLQKPFVPPQYQPPHTPQYQIPTPIQPOQPF

Qy 12 QSPQQSYLQQYPRQNPYLLQKPFVPPQYQPPHTPQYQIPTPIQPOQPF 71

Db 260 KEPAPTTKEPAPTTKEP-APTTKEPAPTTKSAPTTKE------PAPTTKEPAP 352

Db 72 QQQQQPLP-RQQQFPYQPPQQPQQPQPPQPPQPPQPPQPPQPPQ 130

Db 353 TTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEP 412

Qy 72 QQQQQPLP-RQQQFPYQPPQQPQPPQPPQPPQPPQPPQPPQ 130

Db 312 TTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEP 371

Qy 131 SYPVQQQFPQOP-OPVP 148

Db 413 PAPTTKEPSPTTKEPAP 431

Db 301 KEPAPTTKEPAPTTKEP-APTTKEPAPTTKSAPTTKEP------PAPTTKEPAP 352

Qy 72 QQQQQPLP-RQQQFPYQPPQQPQQPQPPQPPQPPQPPQPPQ 130

Db 353 TTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEPAPTTKEP 412

Qy 131 SYPVQQQFPQOP-OPVP 148

Db 413 PAPTTKEPSPTTKEPAP 431

Search completed: November 10, 2004, 19:13:58

Job time : 46 secs



3 QINPCSQELQSP-----QOSYLOQCPYPONPVLFQKPFVQQPFHFTPQQYFPYLPPEEL 54
 ; PRIOR APPLICATION NUMBER: 09/485558
 ; PRIOR FILING DATE: 2000-02-11
 ; PRIOR APPLICATION NUMBER: PC/US98/16688
 ; PRIOR FILING DATE: 1998-08-12
 ; PRIOR APPLICATION NUMBER: 60/055,865
 ; PRIOR FILING DATE: 1997-08-15
 ; NUMBER OF SEQ ID NOS: 69
 ; SOFTWARE: Microsoft Office 97
 ; SEQ ID NO: 10
 ; LENGTH: 296
 ; TYPE: PRT
 ; ORGANISM: Oryza sativa
 ; US-09-789-054A-10

Query Match 24.5%; Score 222; DB 9; Length 296;
 Best Local Similarity 43.6%; Prd. No. 1 6e-09;
 Matches 65; Conservative 10; Mismatches 52; Indels 22; Gaps 9;

Qy 6 PCSQELQSPQOSYIQLQQPYFQNPNPLQPKFPPVQQPFHFTPQQYFPYLPPEELPQQFPLQ 65
 ; Sequence 208032, Application US/10425115
 ; Publication No. US20040214272A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa, Thomas J.
 ; APPLICANT: Kovalic, David R.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 ; FILE REFERENCE: 38-21/332221B
 ; CURRENT APPLICATION NUMBER: US/10/425,115
 ; CURRENT FILING DATE: 2003-04-28
 ; SEQ ID NO: 208032
 ; LENGTH: 309
 ; TYPE: PRT
 ; ORGANISM: Zea mays
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: MRT4577_1211319C.1.pep
 ; US-10-425-115-208032

Query Match 24.6%; Score 223; DB 17; Length 309;
 Best Local Similarity 32.3%; Prd. No. 1 4e-09;
 Matches 63; Conservative 17; Mismatches 57; Indels 58; Gaps 10;

Qy 2 RQLNPCSQELQSPQOSYIQLQPYQNPYPLPKPFVQQPFHFTPQQYFPYLPPEEL 54
 ; Sequence 208032, Application US/10425115
 ; Publication No. US20040214272A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Sherman, Bradley K.
 ; APPLICANT: Riechmann, Jose Luis
 ; APPLICANT: Jiang, Cai-Zhong
 ; APPLICANT: Heard, Jacqueline E.
 ; APPLICANT: Haake, Volker
 ; APPLICANT: Creeiman, Robert A.
 ; APPLICANT: Ratcliffe, Oliver
 ; APPLICANT: Adam, Luc J.
 ; APPLICANT: Keddie, James
 ; APPLICANT: Broun, Pierre E.
 ; APPLICANT: Pilgrim, Marshall L.
 ; APPLICANT: Dubell III, Arnold T.
 ; APPLICANT: Pineda, Omaira
 ; APPLICANT: Reuber, T. Lynne
 ; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
 ; FILE REFERENCE: MBI-0047 CIP
 ; CURRENT APPLICATION NUMBER: US/10/374,780A
 ; CURRENT FILING DATE: 2003-02-25
 ; PRIOR APPLICATION NUMBER: 09/837,944
 ; PRIOR FILING DATE: 2001-04-18
 ; PRIOR APPLICATION NUMBER: 60/310,847
 ; PRIOR FILING DATE: 2001-08-09
 ; PRIOR APPLICATION NUMBER: 09/924,455
 ; PRIOR FILING DATE: 2001-08-22
 ; PRIOR APPLICATION NUMBER: 60/336,049
 ; PRIOR FILING DATE: 2001-11-19
 ; PRIOR APPLICATION NUMBER: 60/338,692
 ; PRIOR FILING DATE: 2001-12-11
 ; PRIOR APPLICATION NUMBER: 10/121,468
 ; PRIOR FILING DATE: 2000-06-14
 ; PRIOR APPLICATION NUMBER: 10/225,066
 ; PRIOR FILING DATE: 2002-08-09
 ; PRIOR APPLICATION NUMBER: 10/225,067
 ; PRIOR FILING DATE: 2002-08-09
 ; PRIOR APPLICATION NUMBER: 10/225,068
 ; PRIOR FILING DATE: 2002-08-09

RESULT 12
 US-09-789-054A-10
 ; Sequence 10, Application US/09789054A
 ; Publication No. US20020184659A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Allen, Steve
 ; APPLICANT: Zhu, Qun
 ; TITLE OF INVENTION: PLANT GENES ENCODING DR1 AND DRAP1, A GLOBAL REPRESSOR COMPLEX OF
 ; FILE REFERENCE: BB1107 US CIP
 ; CURRENT APPLICATION NUMBER: US/09/789,054A
 ; CURRENT FILING DATE: 2001-02-20

